

WO 00/28062
SEQUENCE LISTING

1

PCT/FR99/02752
JC08 Rec'd PCT/PTO 08 MAY 2001

(1) GENERAL INFORMATION:

(i) APPLICANT:

- 5 (A) NAME: RHONE-POULENC RORER SA
(B) STREET: 20, avenue Raymond Aron
(C) TOWN: ANTONY
(E) COUNTRY: FRANCE
(F) POSTAL CODE: 92165
10 (H) TELEFAX: 33155717291

(ii) TITLE OF INVENTION: Novel system for
regulating the expression of a transgene

- 15 (iii) NUMBER OF SEQUENCES: 1

(iv) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
20 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0,
Version #1.30 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

- 25 (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 2502 base pairs
(B) TYPE: nucleotide

2

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: NO

5 (iv) ANTISENSE: NO

(ix) FEATURE:

(A) NAME/KEY: - tTA (A)

(B) LOCATION: 1..1040

10 (ix) FEATURE:

(A) NAME/KEY: - UMS (B)

(B) LOCATION: 1041..2069

(ix) FEATURE:

15 (A) NAME/KEY: - 7 OP (C)

(B) LOCATION: 2069..2362

(ix) FEATURE:

(A) NAME/KEY: - 1 OP

20 (B) LOCATION: 2070..2110

(ix) FEATURE:

(A) NAME/KEY: - minimal CMV promoter

(D)

25 (B) LOCATION: 2363..2502

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CTCGAGGAGC	TCGAATTCAT	ATGTCTAGAT	TAGATAAAAG	TAAAGTGATT	AACAGCGCAT	60
TAGAGCTGCT	TAATGAGGTC	GGAATCGAAG	GTTTAAACAAC	CCGTAAACTC	GCCCAGAAGC	120

	TAGGTGTAGA GCAGCCTACA TTGTATTGGC ATGTAAAAAA TAAGCGGGCT TTGCTCGACG	180
	CCTTAGCCAT TGAGATGTTA GATAGGCACC ATACTCACTT TTGCCCTTTA GAAGGGGAAA	240
5	GCTGGCAAGA TTTTTCACGT AATAACGCTA AAAGTTTTAG ATGTGCTTTA CTAAGTCATC	300
	GCGATGGAGC AAAAGTACAT TTAGGTACAC GGCCTACAGA AAAACAGTAT GAAACTCTCG	360
10	AAAAATCAATT AGCCTTTTTA TGCCAACAAG GTTTTTCACT AGAGAATGCA TTATATGCAC	420
	TCAGCGCTGT GGGGCATTTT ACTTTAGGTT GCGTATTGGA AGATCAAGAG CATCAAGTCG	480
	CTAAAGAAGA AAGGGAAACA CCTACTACTG ATAGTATGCC GCCATTATTA CGACAAGCTA	540
15	TCGAATTATT TGATCACCAA GGTGCAGAGC CAGCCTTCTT ATTCGGCCTT GAATTGATCA	600
	TATGCGGATT AGAAAAACAA CTTAAATGTG AAAGTGGGTC CGCGTACAGC CGCGCGCGTA	660
20	CGAAAAACAA TTACGGGTCT ACCATCGAGG GCCTGCTCGA TCTCCCGGAC GACGACGCCC	720
	CCGAAGAGGC GGGGCTGGCG GCTCCGCGCC TGTCCTTTCT CCCC GCGGGA CACACGCGCA	780
	GACTGTGCGAC GGCCCCCCCCG ACCGATGTCA GCCTGGGGGA CGAGCTCCAC TTAGACGGCG	840
25	AGGACGTGGC GATGGCGCAT GCCGACGCGC TAGACGATTT CGATCTGGAC ATGTTGGGGG	900
	ACGGGGATTC CCCGGGTCCG GGATTTACCC CCCACGACTC CGCCCCCTAC GCGCTCTGG	960
30	ATATGGCCGA CTTTCGAGTTT GAGCAGATGT TTACCGATGC CCTTGGAATT GACGAGTACG	1020
	GTGGGTAGGG GGC GCGAGGA TCTCAGATTT GTGCATACAC AGTGACTCAT ACTTTCACCA	1080
	ATACTTTGCA TTTTGGATAA ATACTAGACA ACTTTAGAAG TGAATTATTT ATGAGGTTGT	1140
35	CTTAAAATTA AAAATTACAA AGTAATAAAT CACATTGTAA TGTATTTTGT GTGATACCCA	1200
	GAGGTTTAAG GCAACCTATT ACTCTTATGC TCCTGAAGTC CACAATTCAC AGTCCTGAAC	1260
40	TATAATCTTA TCTTTGTGAT TGCTGAGCAA ATTTGCAGTA TAATTT CAGT GCTTTTAAAT	1320
	TTTGTCTGCT TTA CTATTTT CCTTTTTTAT TTGGGTTTGA TATGCGTGCA CAGAATGGGG	1380
	CTTCTATTAA AATATTCCAT GGCTTACATT TTTAATGTTT TGTTCTCTTA ATATGTTCAA	1440
45	AGCTACTCAA CTTTTATTCC CGAAAAATGT TTACTTTAAT TATTCTAATT TCTTACATAA	1500
	AGCATTGAGG TGCTAACAAT TATATACTAT GTACAAGATG GCAGACTAAA TCATATCATA	1560
50	CCATCAAGTA GAAACCTGGA GTTTGGTGAA CTTTGAGTTG TTTATATGTC TCTCCTTTAT	1620
	TGTCTTCTCA AAACCTGTGA TTCTGAAGTC AAAGGGACAC AGCTGTCACA TGAAAAGTGA	1680
	TCACTTATCA CCTGTATGCG TAAAACACCT TACCAAGCAG CTAAGAGGAG TAACTCCTAG	1740
55	CCACTTTGAG AAACGTTTTT GAATAAACAG AGCAAGGCTC TTCCCCATTC TCCCAGAGAT	1800
	ATAGCATAAA ACTGAGCGCA TTTTTATAAA AAAAAAAGG AGGAATGTGT GGT TTGATGG	1860
60	CCAGACCCTG AATTTGAGTT CAGCATCTGC TTTCCATAT TATAGATGGG TACCAGTGAT	1920
	TCTGAGCCAT GTCTATTTCT CCTGACTTTT CCTCTGTTTT CCCACGCTTG CTGATATTTA	1980
	CAGCCGTGGT CATCACAATC ACCTTTGTTC CTTCTTCCT TCCTCCAAC CTGCATTAAA	2040
65	TTCCAGGAAC TTGCTTTCTG TGAAGTCTGA GTTTACCACT CCCTATCAGT GATAGAGAAA	2100
	AGTGAAAGTC GAGTTTACCA CTCCCTATCA GTGATAGAGA AAAGTGAAAG TCGAGTTTAC	2160

	CACTCCCTAT CAGTGATAGA GAAAAGTGAA AGTCGAGTTT ACCACTCCCT ATCAGTGATA	2220
	GAGAAAAGTG AAAGTCGAGT TTACCACTCC CTATCAGTGA TAGAGAAAAG TGAAAGTCGA	2280
5	GTTTACCACT CCCTATCAGT GATAGAGAAA AGTGAAAGTC GAGTTTACCA CTCCCTATCA	2340
	GTGATAGAGA AAAGTGAAAG TCGAGCTCGG TACCCGGGTC GAGTAGGCGT GTACGGTGGG	2400
10	AGGCCTATAT AAGCAGAGCT CGTTTAGTGA ACCGTCAGAT CGCCTGGAGA CGCCATCCAC	2460
	GCTGTTTTGA CCTCCATAGA AGACACCGGG ACCGATCCAG CC	2502